

EXHIBIT 15

US 6,331,415 C1

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EX PARTE
REEXAMINATION CERTIFICATE
ISSUED UNDER 35 U.S.C. 307

THE PATENT IS HEREBY AMENDED AS
INDICATED BELOW.

Matter enclosed in heavy brackets [] appeared in the patent, but has been deleted and is no longer a part of the patent; matter printed in italics indicates additions made to the patent.

AS A RESULT OF REEXAMINATION, IT HAS BEEN DETERMINED THAT:

The patentability of claims 1-20 and 33-36 is confirmed.

Claims 21, 27 and 32 are determined to be patentable as amended.

Claims 22-26 and 28-31, dependent on an amended claim, are determined to be patentable.

21. A method comprising

a) preparing a *first* DNA sequence [consisting essentially of DNA] encoding an immunoglobulin [consisting of

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an immunoglobulin] heavy chain and a *second* DNA sequence encoding an immunoglobulin light chain [or Fab region, said immunoglobulin having specificity for a particular known antigen];

b) inserting the DNA [sequence] sequences of step a) into a replicable expression vector wherein each sequence is operably linked to a suitable promoter;

c) transforming a prokaryotic or eukaryotic microbial host cell culture with the vector of step b);

d) culturing the host cell so that said immunoglobulin heavy and light chains are produced as separate molecules in said transformed host cell; and

e) recovering the immunoglobulin from the host cell culture, said immunoglobulin being capable of binding to a known antigen.

27. The method of claim 26 wherein the heavy chain and light [chains or Fab region] chain are deposited within the cells as insoluble particles.

32. The insoluble particles of heavy chain and light chains [or Fab region] produced by the method of claim 27.

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